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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 701586-53303
INTERNATIONAL APPLICATION NO. PCT/US2003/032426		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/529,122
INTERNATIONAL FILING DATE 09 October 2003 (9.10.2003)		PRIORITY DATE CLAIMED 09 October 2002 (9.10.2002)
TITLE OF INVENTION NUCLEIC ACID SUPPORTED PROTEIN COMPLEMENTATION		
APPLICANT(S) FOR DO/EO/US TRUSTEES OF BOSTON UNIVERSITY: CANTOR, Charles R.; BROUDE, Natalia E. and WITTE-HOFFMANN, Carlos		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/529,122	INTERNATIONAL APPLICATION NO. PCT/US2003/032426	ATTORNEY'S DOCKET NUMBER 701586-53303		
20. Other items or information: Exp. Mail Cert. EV653001962US; Petition for Extension of Time; Check \$60.00; and Return Receipt Postcard				
The following fees have been submitted		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> </table>	CALCULATIONS	PTO USE ONLY
CALCULATIONS	PTO USE ONLY			
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300		\$		
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))		\$		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200		\$		
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500		\$		
TOTAL OF 21, 22 and 23 =		0.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		\$		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		
- 100 =	/50 =	x \$250		
		\$ 0.00		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 0.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA		
Total claims	- 20 =	x \$ 50		
Independent claims	- 3 =	x \$200		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360		
		\$ 0.00		
TOTAL OF ABOVE CALCULATIONS =		\$ 0.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		\$ 0.00		
SUBTOTAL =		\$ 0.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$ 0.00		
TOTAL NATIONAL FEE =		\$ 0.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ 0.00		
TOTAL FEES ENCLOSED =		\$ 0.00		
		Amount to be refunded: \$		
		Amount to be charged \$		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ 60.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0850. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Ronald I. Eisenstein
Nixon Peabody LLP
100 Summer Street
Boston, MA 02110
US


SIGNATURE

Ronald I. Eisenstein/Nicole L.M. Valtz
NAME

30,628/47,150
REGISTRATION NUMBER

IN THE UNITED STATES RECEIVING OFFICE

PCT/US2003/032426	09 October 2003 (09.10.2003)	09 October 2002 (09.10.2002)
International Application Number	International Filing Date	International Earliest Priority Date

TITLE OF INVENTION: NUCLEIC ACID SUPPORTED PROTEIN
COMPLEMENTATION

APPLICANT(S) FOR EO/DO: THE TRUSTEES OF BOSTON UNIVERSITY
INVENTOR(S)/APPLICANT(S) FOR US: CANTOR, Charles R. et al.
U.S.S.N.: 10/529,122

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

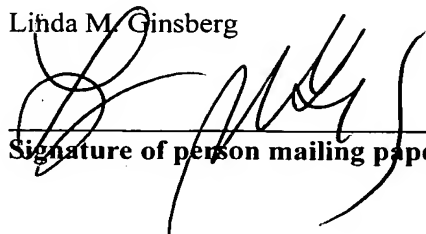
"Express Mail" label number EV 653001962 US
Date of Deposit September 28, 2005

I hereby state that the following *attached* paper or fee

1. Express Mail Certificate EV 653001962 US (1 pg.);
2. Form 1390/Transmittal page 3 in duplicate (4 pp.);
3. Petition for Extension of Time in duplicate (2 pp.);
4. Supplemental Application Datasheet (3 pp.);
5. COPY-Notification of Missing Requirements (2 pp.);
6. Executed Oath and Declaration (4 pp.);
7. Check in the amount of \$60.00; and
8. Return Receipt Postcard.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Linda M. Ginsberg


Signature of person mailing paper or fee

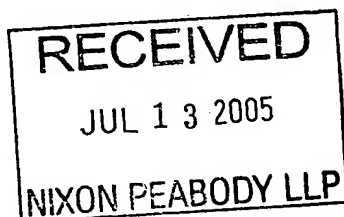


UNITED STATES PATENT AND TRADEMARK OFFICE

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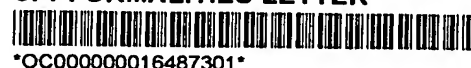
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/529,122	Charles R. Cantor	701586-53303

Ronald I Eisenstein
 Nixon Peabody
 100 Summer Street
 Boston, MA 02110



INTERNATIONAL APPLICATION NO.	
PCT/US03/32426	
I.A. FILING DATE	PRIORITY DATE
10/09/2003	10/09/2002

CONFIRMATION NO. 1567
 371 FORMALITIES LETTER



OC000000016487301

Date Mailed: 07/11/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 03/24/2005
- Copy of the International Search Report filed on 03/24/2005
- Preliminary Amendments filed on 03/24/2005
- Information Disclosure Statements filed on 03/24/2005
- Small Entity Statement filed on 03/24/2005
- U.S. Basic National Fees filed on 03/24/2005
- Priority Documents filed on 03/24/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

TERRY M JOHNSON VESSELS

Telephone: (703) 308-9140 EXT 221

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/529,122	PCT/US03/32426	701586-53303

FORM PCT/DO/EO/905 (371 Formalities Notice)